SONY

Sony Storage Media

DLTtape™ VS1
Dedicated cartridge for DLT VS160 drives, featuring Sony media technology.

Developed in partnership with Quantum, the format proprietor

Sony partnered with Quantum, the linear tape drive market leader, to develop dedicated media for the DLT VS160 drive. Every aspect of these advanced data cartridges reflects Sony's half century of magnetic media experience and mastery.

160GB compressed storage capacity

DLTtape VS1 offers compressed storage capacity of up to 160GB (80GB native) per cartridge and a compressed data transfer rate of up to 16MB/s (8MB native).

Rugged cartridge mechanism

Sony's robust cartridge mechanism is designed to withstand the rigors of a library environment. With its outstanding durability and reliability, this storage media more than satisfies performance expectations.

DLTtape is a registered trademark of Quantum Corporation.

DLTtape VS1

1/2" DATA CARTRIDGE

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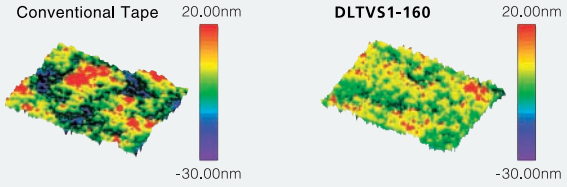
1/2" DATA CARTRIDGE

Ultra-Smooth Surface treatment

Special calendering technology creates an ultra-smooth magnetic media surface, which dramatically reduces the error rate to support high data density with excellent reliability.

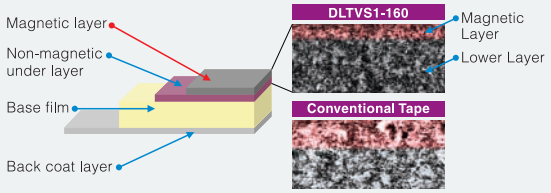
Surface Roughness



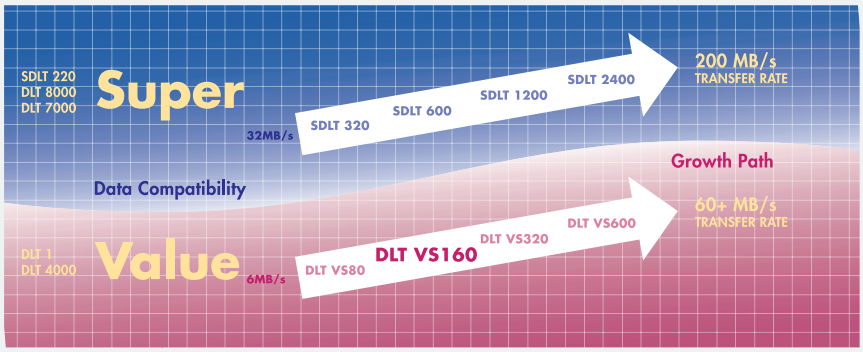
Consistent signal characteristics

DLTtape VS1 delivers the signal characteristics necessary for consistently high recording density with high output, thanks to Sony's ultra-thin coating technology, which forms a magnetic layer about half as thick as in previous products.

Thinner magnetic layer structure



Roadmap



Source :Quantum Corporation

DLTVS1-CL

Mechanical Characteristics	DLTVS1-160
Recording Capacity (*Compressed)	80GB (*160GB)
Maximum Data Transfer Rate (*Compressed)	8MB/s (*16MB/s)

Tape Width (mm)	12.65±0.01
Tape Thickness (µm)	8.80±0.40
Tape Length (m)	563.00±0.91

*Compression ratio 2:1

Dimensions

External Dimensions (mm) : 105.8×105.4×25.4
Weight (g) : 222.5 (cartridge only)

Environmental Requirements

Operation Conditions (°F(°C);%RH) : 50~104 (10~40);20~80*
Storage Conditions (°F(°C);%RH) : 60~90 (16~32);20~80*
Transportation Conditions (Unrecorded) (°F(°C);%RH) : -9~118 (-23~48);5~80*
Transportation Conditions (Recorded) (°F(°C);%RH) : 41~90 (5~32);5~80*

*Maximum wet bulb temperature : 79°F(26°C) at no condensation.

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For more Information, visit our website at
http://www.sony.co.jp/datamedia